

**AN ARCHITECTURE FOR COMMUNICATING WITH ONE OR MORE
ELECTRONIC DEVICES THROUGH A GATEWAY COMPUTER**

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ABSTRACT OF THE DISCLOSURE

An architecture is disclosed for facilitating communications with one or more embedded devices from a client application. The architecture includes gateway software and server software. The gateway software includes device communications software for sending and receiving device messages to and from the one or more embedded devices and gateway communications software for sending and receiving communications to other software. The server software includes user interface software that is downloadable by the client application for use to communicate with the server software. The server software also includes serving software for responding to requests received from the client application through the user interface software. The server software also includes gateway communications software for sending and receiving communications to the gateway software. The architecture operates such that the server software communicates with the gateway software and the gateway software communicates with the one or more embedded devices. The server software sends a user interface component to the client application, and the client application uses the user interface component to communicate with an embedded device by sending communications to the server software. The server software facilitates communications with the embedded device through the gateway software.

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